

US EPA ARCHIVE DOCUMENT

EPA OCS Air Quality Permitting in the Gulf of Mexico

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US EPA REGION 4

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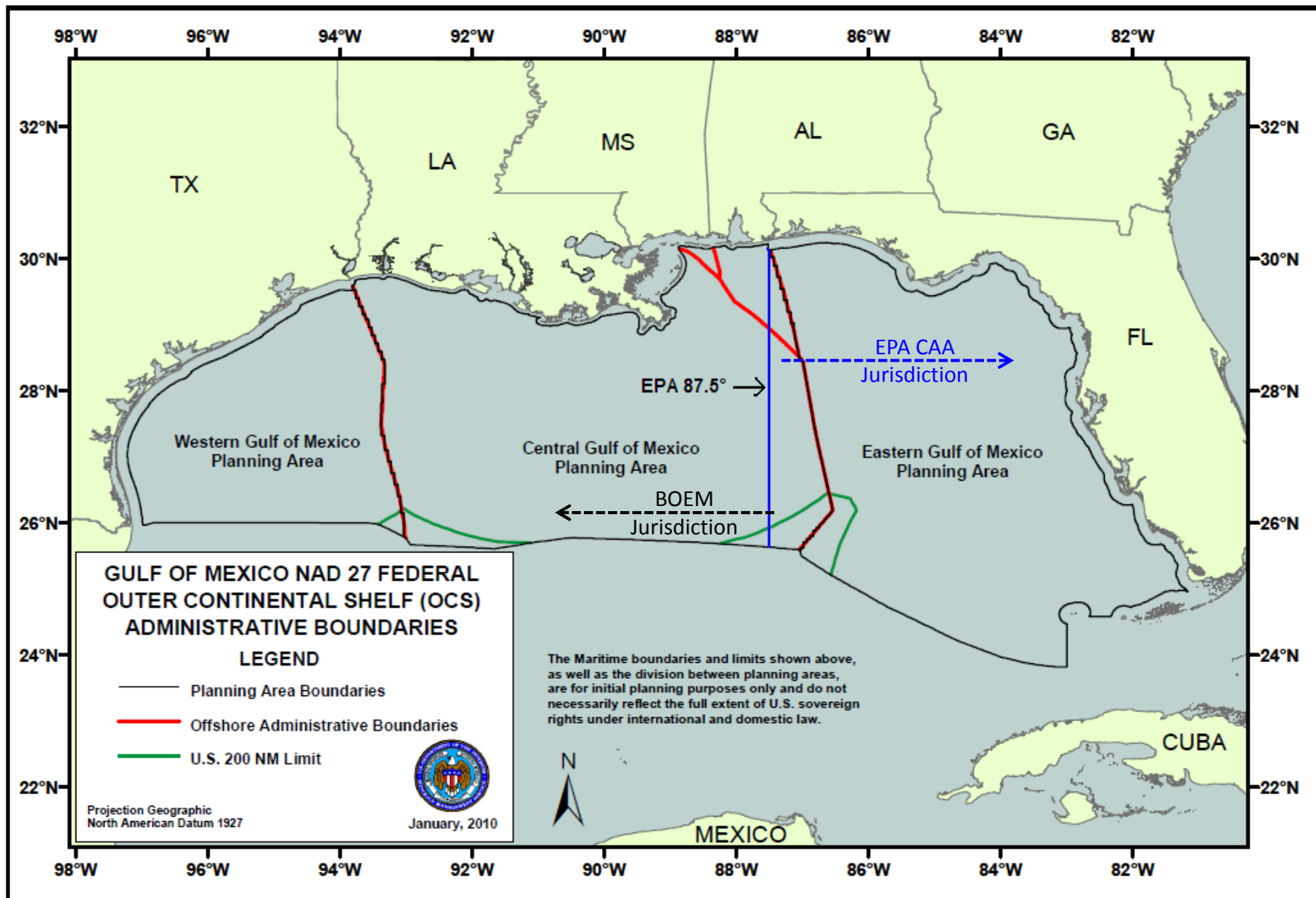


Diamond Ocean BlackHawk

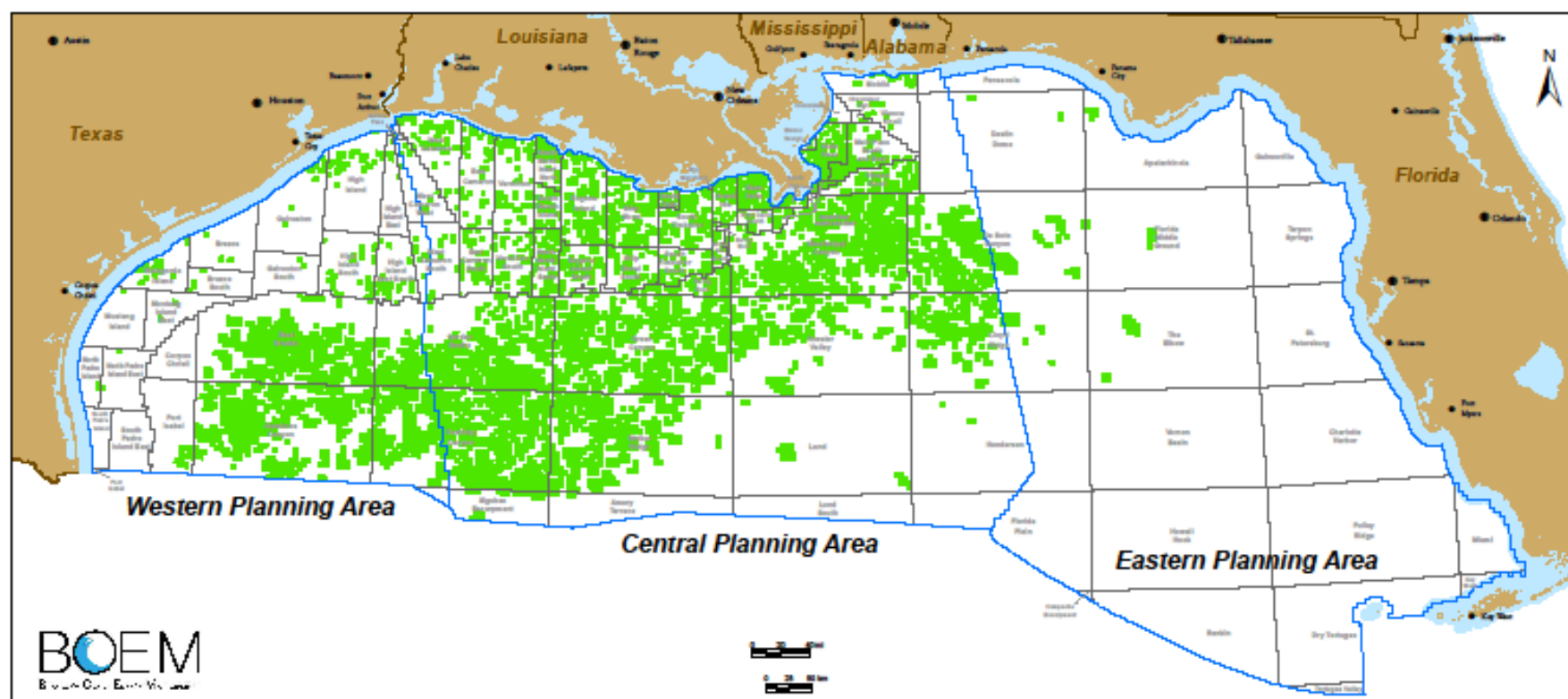
Region 4 Issued Permits 2011-14

- ❖ 6 Active Permitting Projects for 10 drilling rigs and well completion activities
- ❖ 9 Permits for Exploratory Drilling Rigs Issued for 15 rigs
- ❖ 9 Modifications Issued
- ❖ 3 Projects have drilled to date





BOEM Gulf of Mexico OCS Region Blocks and Active Leases by Planning Area October 1, 2014



Planning Areas	Total Blocks	Total Acres	Number of Leases	Acres Leased
Western	5,240	28,576,813	1,213	6,911,479
Central	12,409	66,446,351	4,167	22,122,566
Eastern	11,526	64,563,679	106	567,104
Sub-Totals	29,175	159,586,843	5,486	29,601,149
CPA / EPA Shared Blocks*	(86)		(9)	
Totals	29,089	159,586,843	5,477	29,601,149

Active Leases
 Planning Area Boundary

* CPA and EPA contain 86 shared blocks of which 9 are leased. These blocks are given both a CPA and EPA designation in the data which accounts for a higher block total.

Impact Assessment Challenges

Emissions from vessels servicing OCS sources (within 25 miles) are considered direct emissions from source.

Point of Compliance for NAAQS & Increment

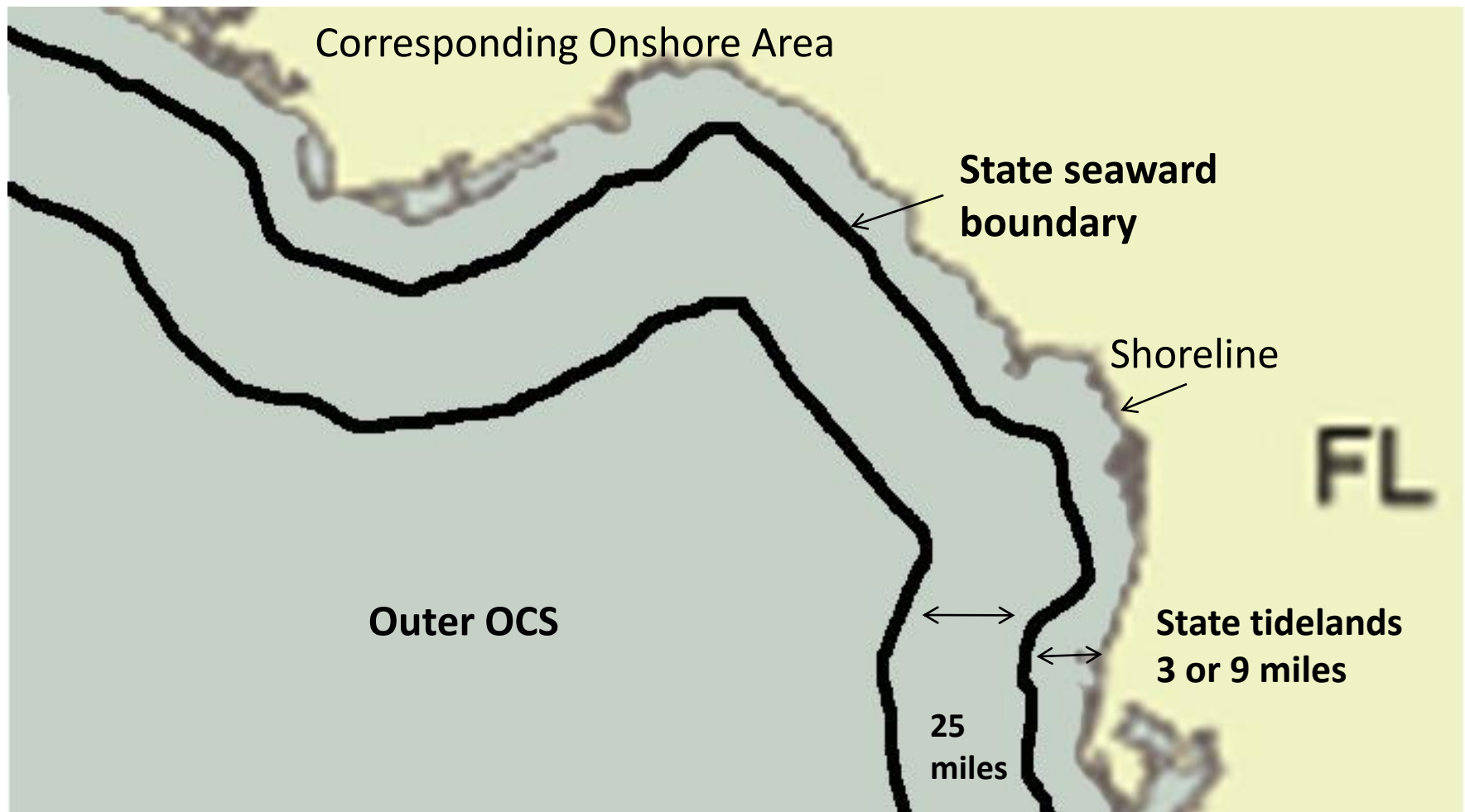
EPA locates receptors 25 miles from State Seaward Boundary

BOEM Plan Approvals and NEPA assessments put receptors “Onshore.”

BOEM Provides Mass Emissions to States to certify CZMA & NAAQS Compliance

Can States determine compliance with NAAQS in state tidelands?

Can States determine compliance with CZMA?



Regulatory Regimes

Region 4's OCS Website

www.epa.gov/region4/air/permits/ocspermits/

Contact info: Kelly Fortin
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EPA's Statutory Authority

Clean Air Act (CAA) Section 328 - (Title 3)

Control air pollution from OCS sources in order to attain and maintain Federal and State ambient air quality standards &

Comply with the provisions of part C of Title I -PSD (Prevention of Significant Deterioration-PSD)

OCS Air Regulations - 40 CFR 55 (mirror statute)

OCS Activities include, but are not limited to, platform and drill ship exploration, construction, development, production, processing and transportation

Regulatory Regimes

Within State Seaward Boundaries (3 miles, 9 miles FL & TX)
State laws apply & under state jurisdiction (SIPs/NAAQS)

Within 25 Miles of a State's seaward boundaries
(projects - CA, AK, FL)

Same as onshore - must comply with the federal, state and local requirements incorporated into 40 CFR part 55

May be delegated to Corresponding Onshore Area (CA,NC)

Beyond the 25 miles- (projects -AK, Central Gulf)

Federal requirements of 40 CFR part 55 (NSPS, PSD, NESHAP and Part 71)

May be delegated to Corresponding Onshore Area

What's working

- ❖ Flexibility of PSD & Title V to allow for single wells, multi-wells, multi-rig permits
- ❖ Actual emissions data from exploratory drilling rigs in the field
 - ❖ Operators getting real time data on emissions and fuel use.
- ❖ Very cooperative & professional working relationship with good information exchange